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(54) **PASSENGER CARRYING MOBILE ROBOT**

(71) Applicants: **Chiba Institute of Technology**,
Narashino-shi, Chiba (JP); **Aisin Seiki**
Kabushiki Kaisha, Kariya-shi, Aichi
(JP)

(72) Inventors: **Takayuki Furuta**, Narashino (JP);
Masaharu Shimizu, Narashino (JP);
Hideaki Yamato, Narashino (JP);
Kengo Toda, Narashino (JP); **Takashi**
Kodachi, Narashino (JP); **Mitsuhiro**
Ando, Kariya (JP); **Noboru Nagamine**,
Kariya (JP); **Seongjun Yang**, Kariya
(JP); **Hirotochi Ochiai**, Kariya (JP);
Wataru Takayanagi, Kariya (JP)

(73) Assignees: **Chiba Institute Of Technology**, Chiba
(JP); **Aisin Seiki Kabushiki Kaisha**,
Aichi (JP)

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CPC **A61G 5/04** (2013.01); **A61G 5/06**
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See application file for complete search history.

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Primary Examiner — Adam Mott

(74) *Attorney, Agent, or Firm* — Harness, Dickey &
Pierce, P.L.C.

(57) **ABSTRACT**

A single passenger carrying mobile robot, includes a single
operated member that is operated by a passenger to instruct
both a moving direction and a moving speed of the passen-
ger carrying mobile robot, a moving member configured to
move the passenger carrying mobile robot and a controller
configured to control the moving member based on input
information input to the operated member by the passenger,
wherein the passenger carrying mobile robot further
includes a sensor that acquires obstacle information of a
surrounding of the passenger carrying mobile robot, and the
controller predicts an expected course of the passenger
carrying mobile robot based on the input information and
determines based on the obstacle information whether or not
an obstacle is located in the expected course, and changes a
control of the moving member when determining that the
obstacle is located.

16 Claims, 14 Drawing Sheets

